101

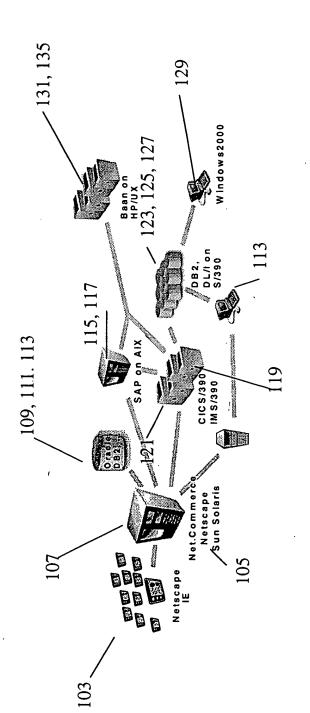
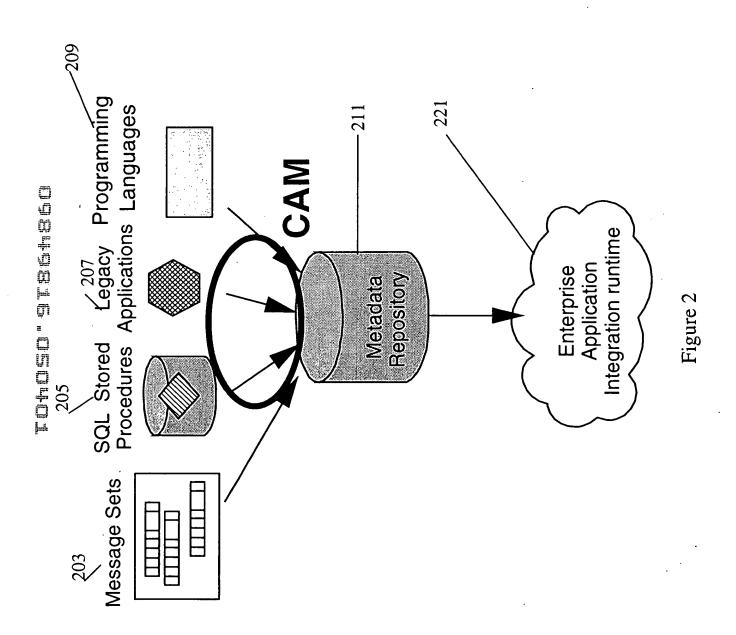


Figure1



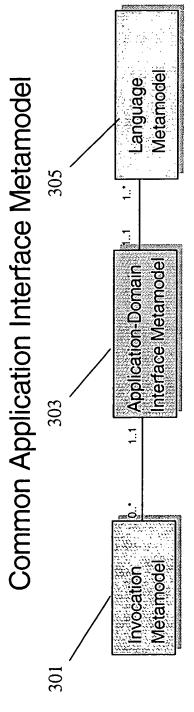
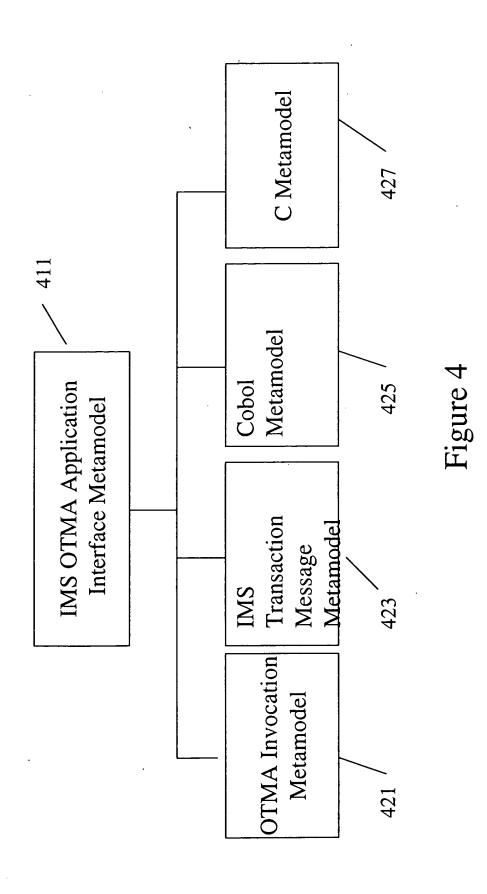
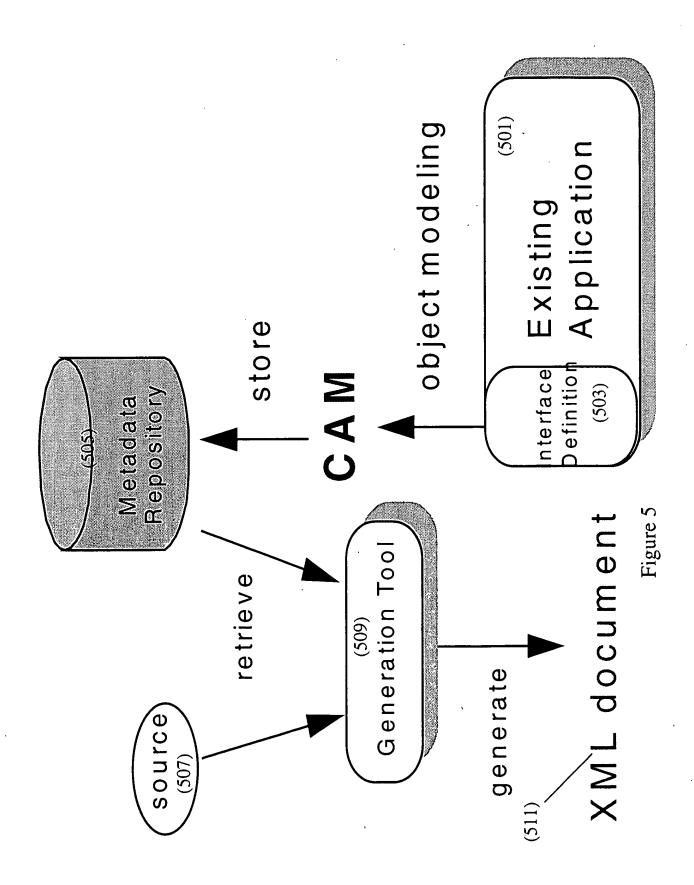
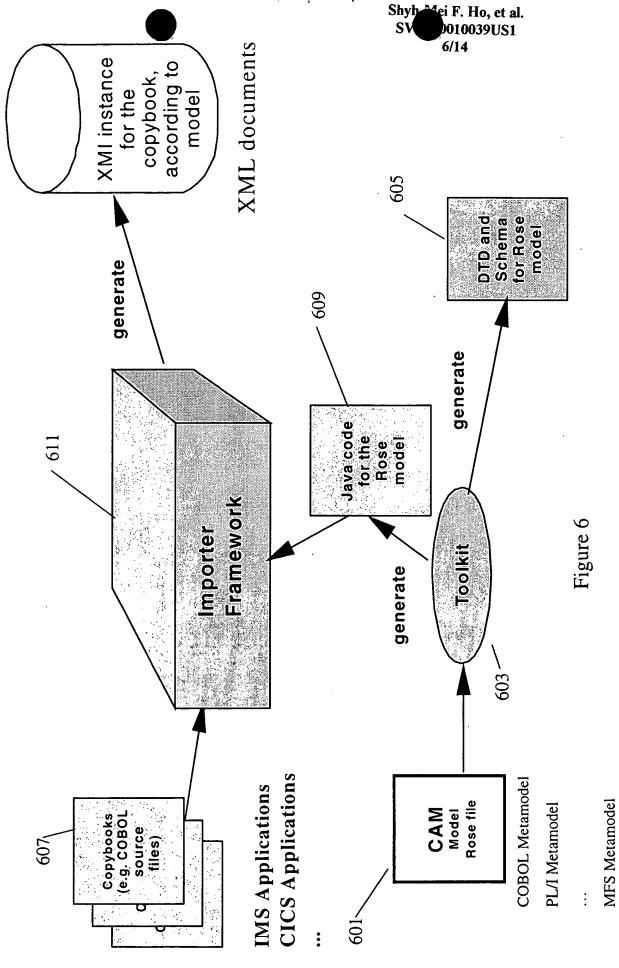


Figure 3







**BMS** Metamodel

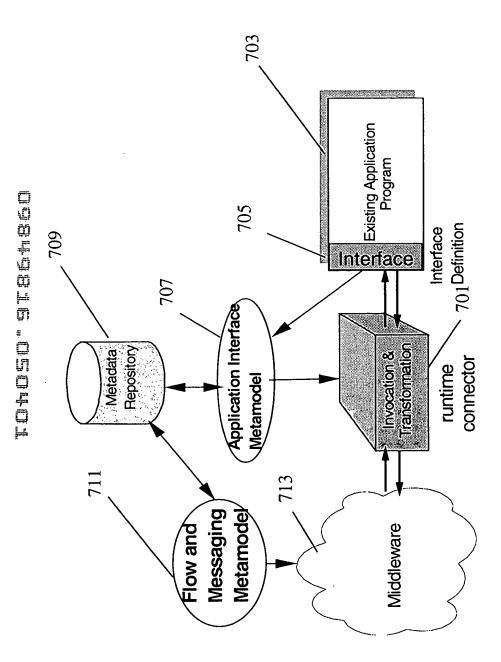
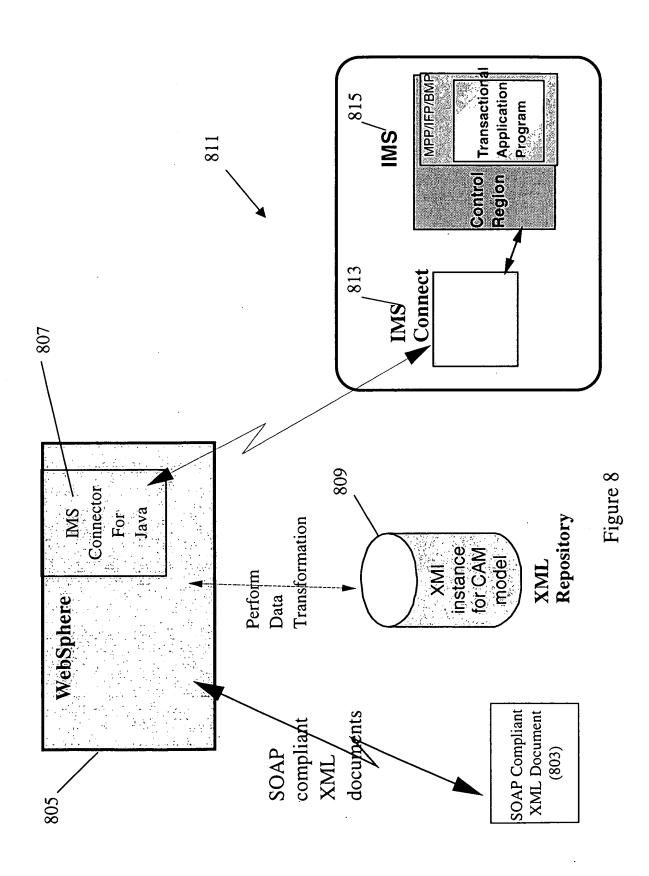


Figure 7



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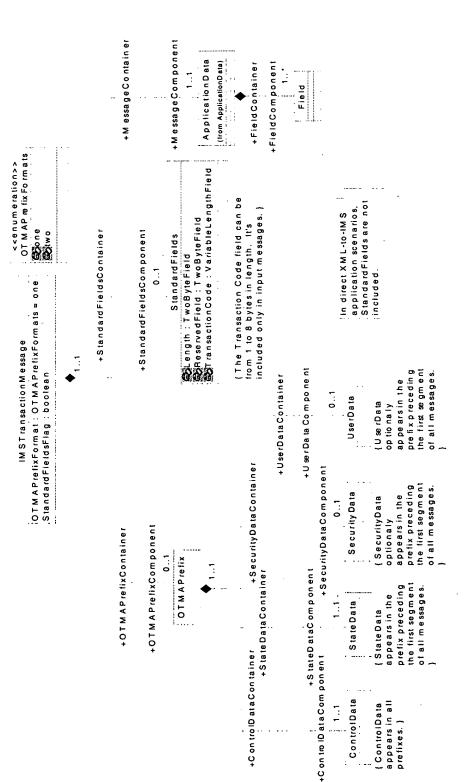


Figure 9

Format one :: a prefix appears before all message segments. Format 'two': a prefix appears only before the first segment.

OTMAPrefix

+UserData Con tainer	Field +UserDataComponent 01 UserData Length : TwoByteField UserData : VariableLengthField	
+Security Data Container	By tel	
+StateDataContainer	+StateDataComponent  11  State Data  Length : TwoByteField ServerState : TServerState ServerState : TServerState SynchronizationFlag SynchronizationFlag SynchronizationLevel : TSynchronizationLevel : TSynchronizationLeve	
+Control Data Container	+ControlData Component  +StateDataComponent  +StateDataComponent  +StateDataComponent  +StateDataComponent  +StateDataComponent  - StateData  ControlData  ControlData  ArchitectureLevel : OneByteField  MessageType : TMessageType  ServerState : TServerState  ServerTown	

Figure 10

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<<enumeration>> TMessageType

**TCommitConfirmationFlag** Committed: String String

<<enumeration>> **TCommandType** 

ServerAvailable : String ClientBid: String

CBresynch: String

SuspendProcessingForAllTpipes: String ResumeProcessingForAllTpipes: String

SuspendInputForTpipe: String ResumeInputForTpipe: String

SRVresynch: String REPresynch: String

TBresynch: String

<<enumeration>> **TPrefixFlag** 

Security Data: String StateData: String

MiddleInChain: String

PFirstInChain: String

<<enumeration>> **TChainFlag** 

DiscardChain: String LastInChain: String

SUserData: String SApplicationData: String

Figure 1

優Response: String 優なCommand: String 優なCommitConfirmation: String

SynchronizedTpipe: String **TProcessingFlag** <<enumeration>>

AsynchronousOutput: String ExerorMessageFollows: String

<<enumeration>>

Transaction : String Data: String

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<cenumeration>> TSeverState

ConversationalState: String ResponseMode: String

**TSynchronization Flag** <<enumeration>>

Commit Then Send: String Send Then Commit: String

**TSynchronization**Level <<enumeration>> None: String Confirm: String SYNCPT: String

Figure 12

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<<enumeration>> TSecurityFlag

NoSecurity: String Check: String

Figure 13

<<pre><<pre><<cpre>primitive>>

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SixteenByteField are big-endian ordered versus little-endian. this if we want to specify that the data is, <<pre><<pre><<pre><<pre><<pre><<pre><<pre><<pre> Note: these primitives don't tell you the for example, two bytes of ASCII versus two bytes of Unicode, or that the bytes byte-lengths. We may need to modify VariableLengthField format of the information, just the <<pre><<pre><< pre>mitive>> **Eight Byte Field** <<pre><<pre><<pre>cprimitive>> <<pre><<pre><<pre>cprimitive>>
TwoByteField FourByteField OneByteField <<pre><<pre><<pre><<pre><<pre><<pre><<pre> SixByteField <<pre><<pre><<cpre>primitive>>

Figure 14